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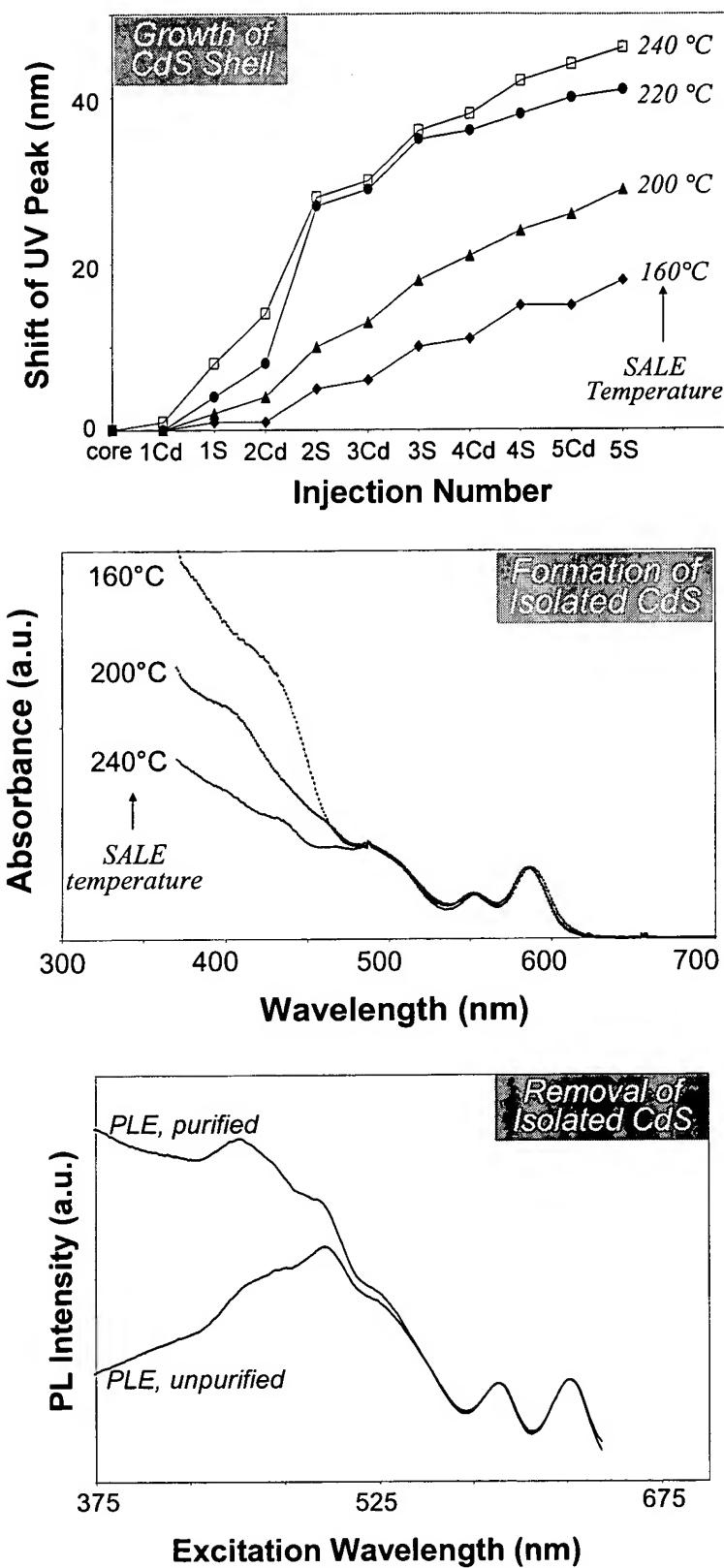


Figure 1

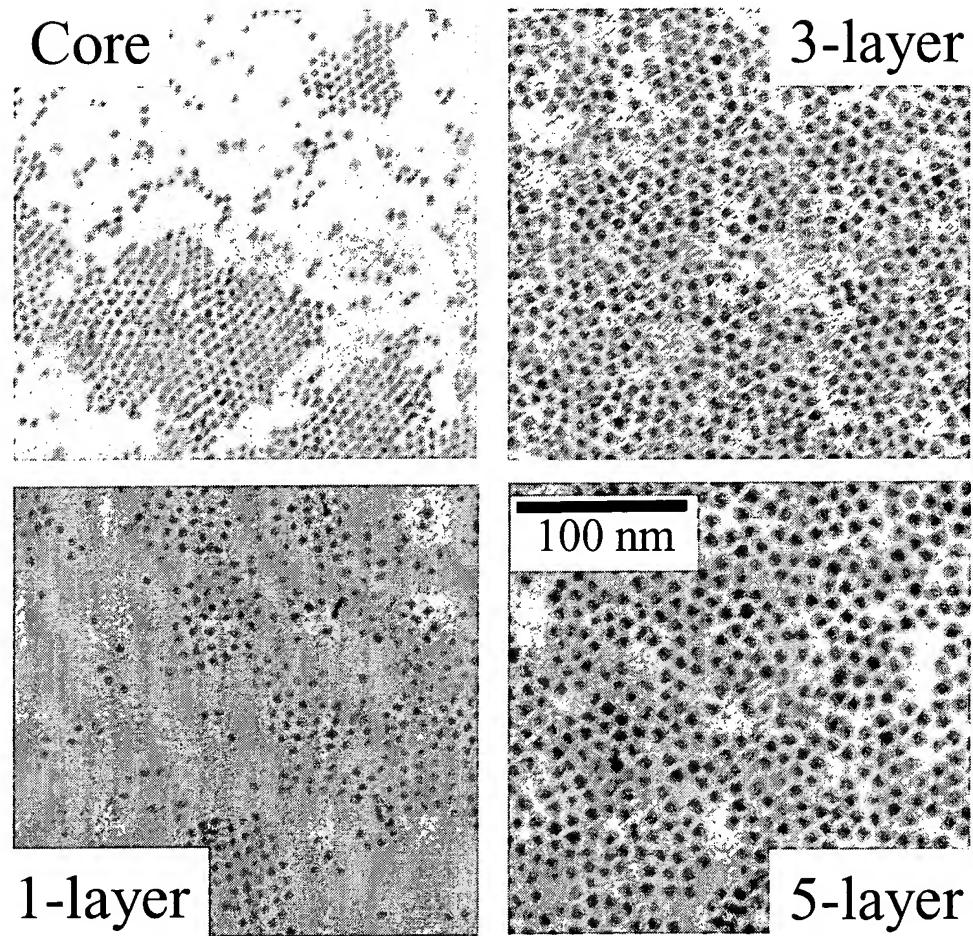


Figure 2

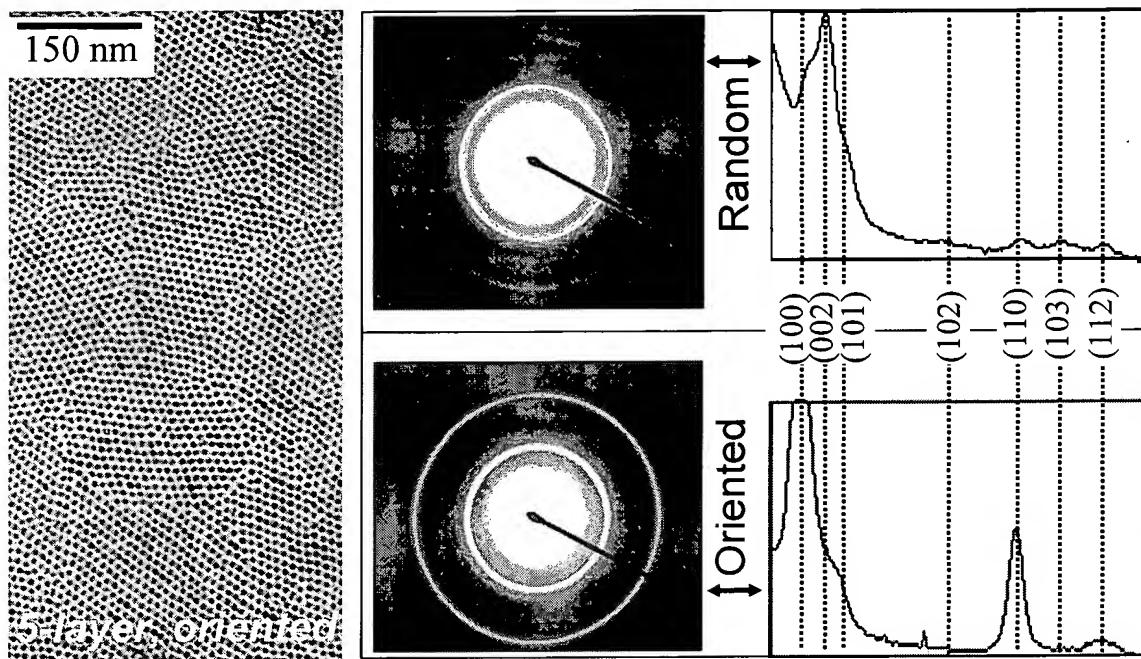


Figure 3

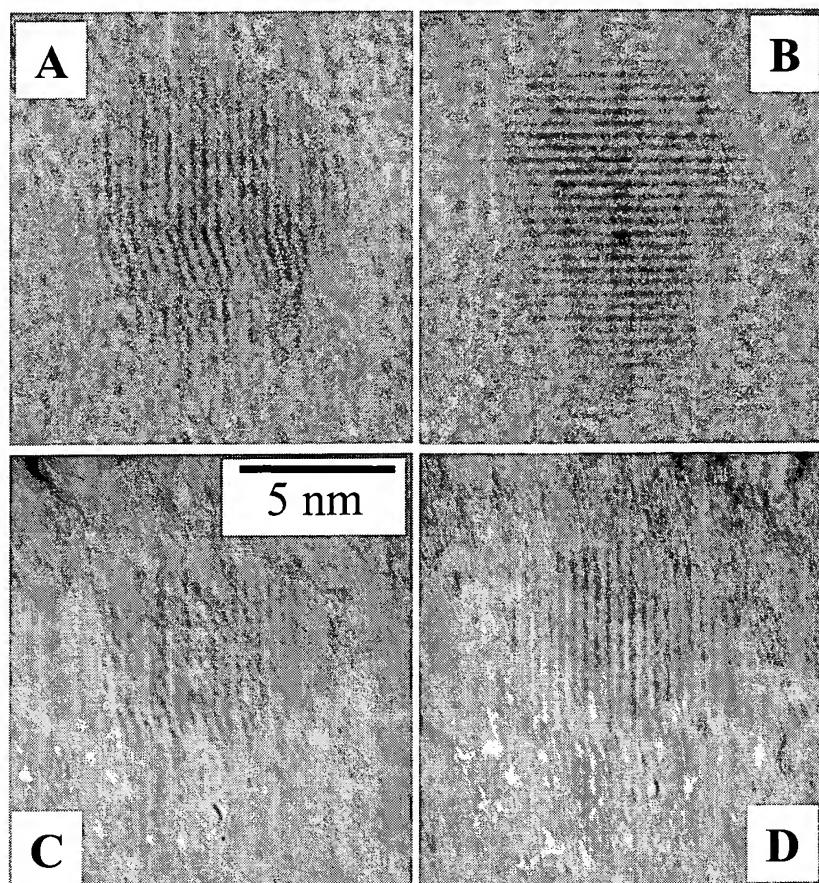


Figure 4

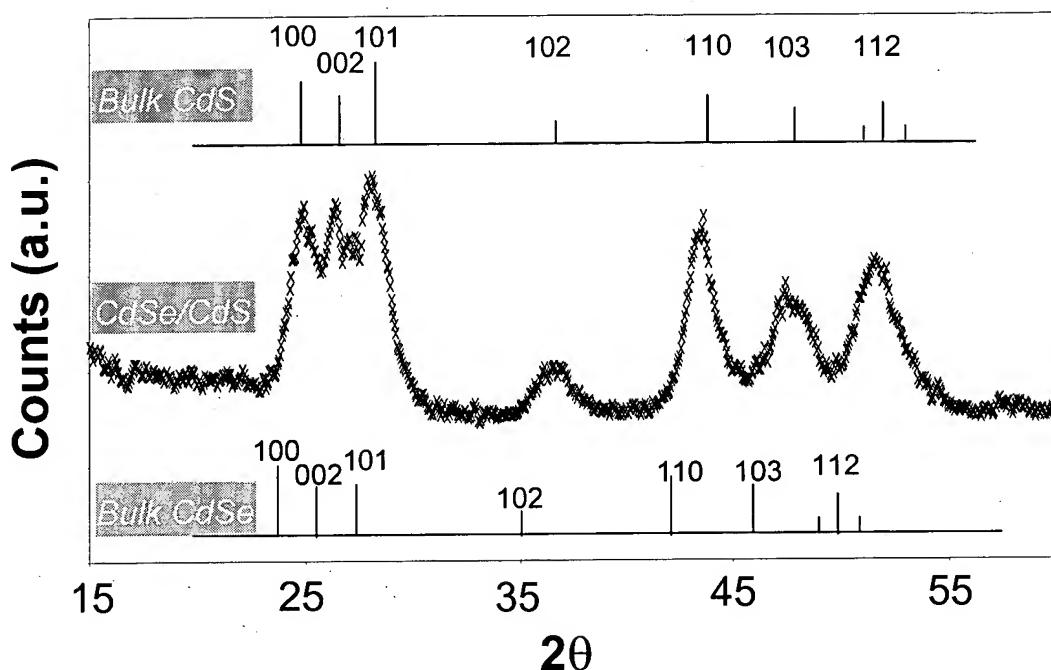


Figure 5

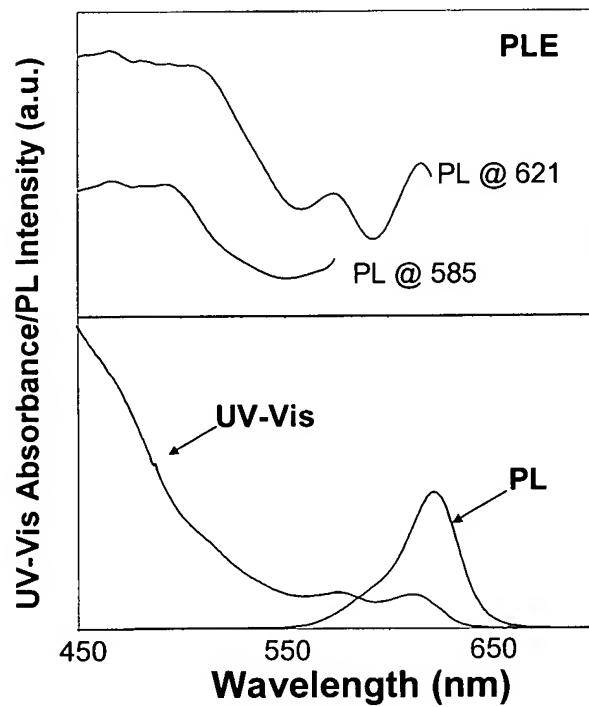
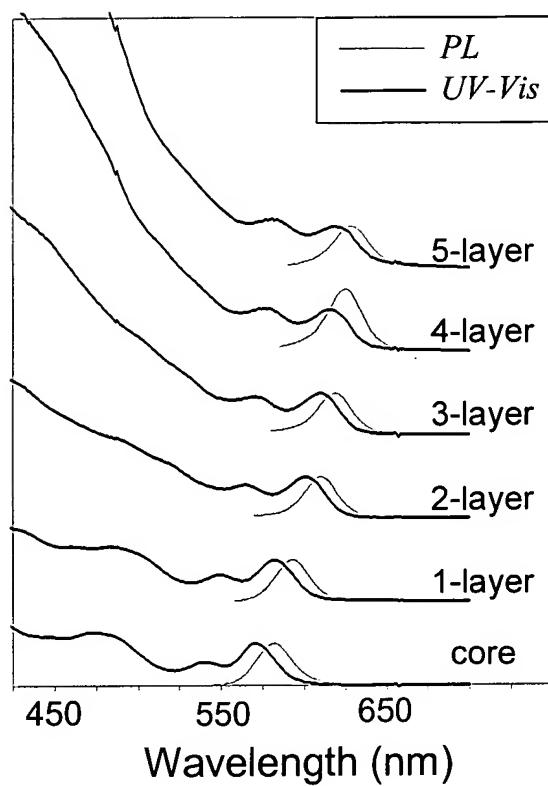


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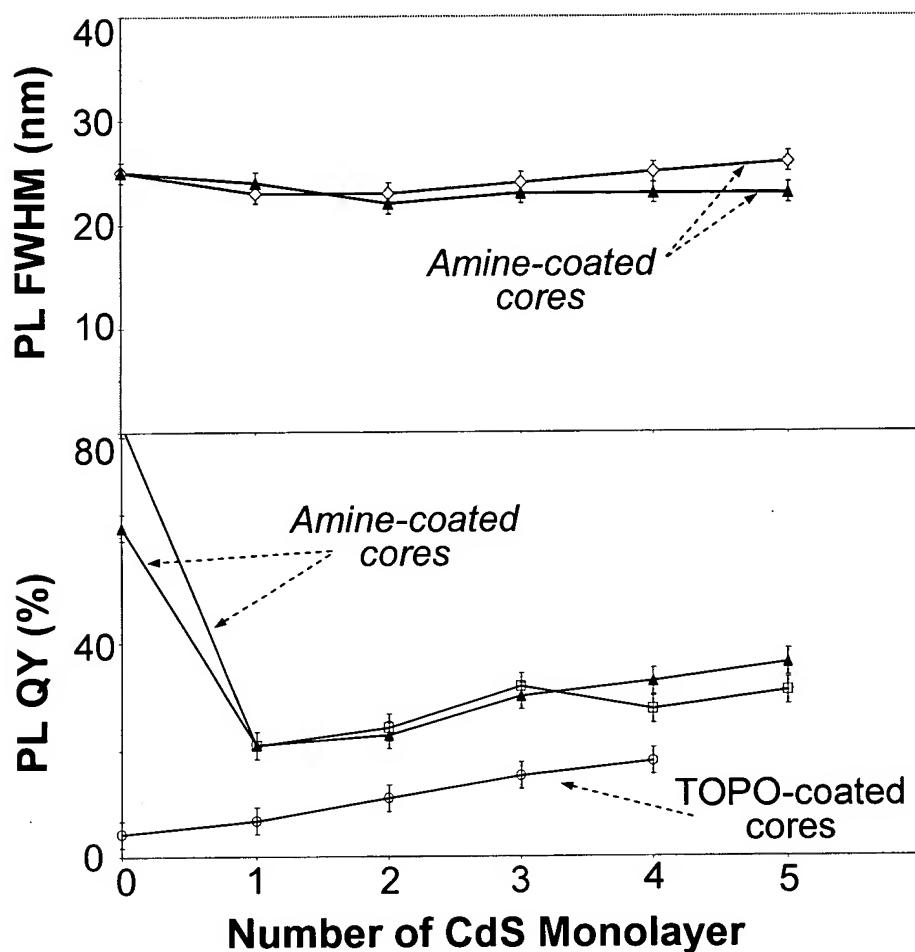


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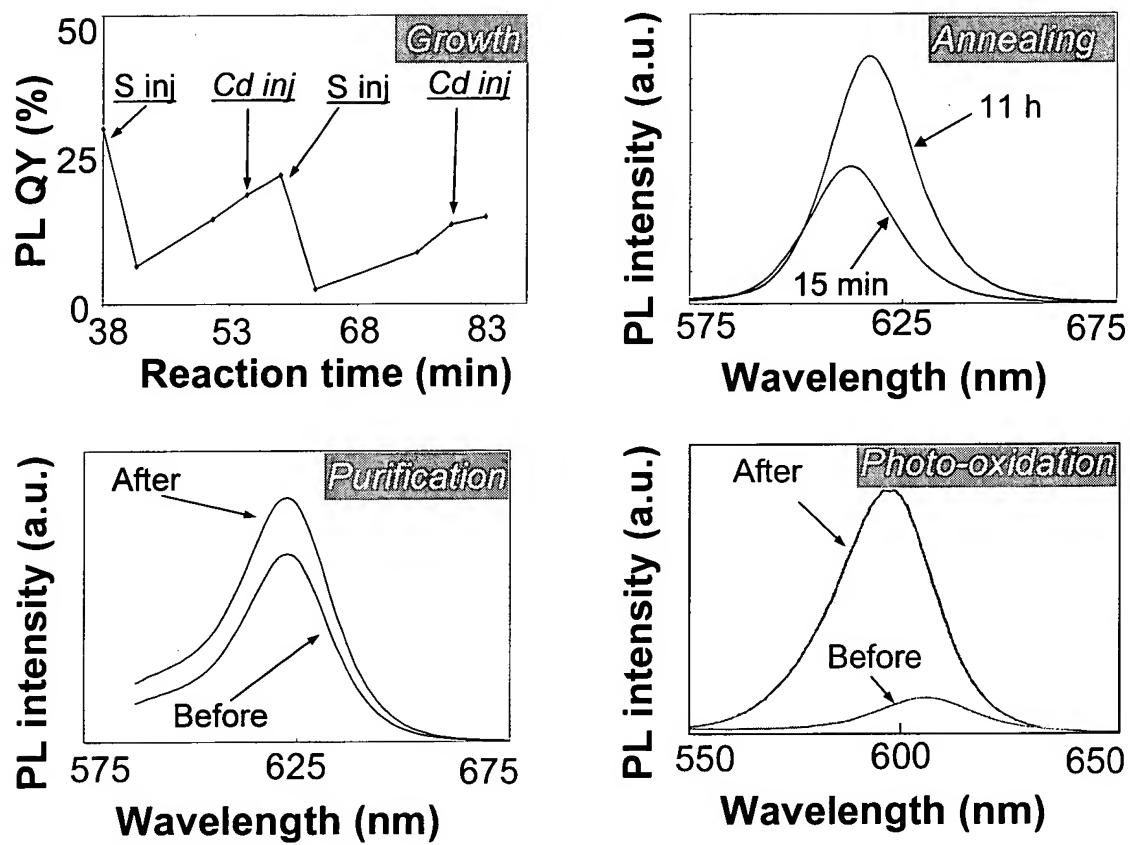


Figure 8

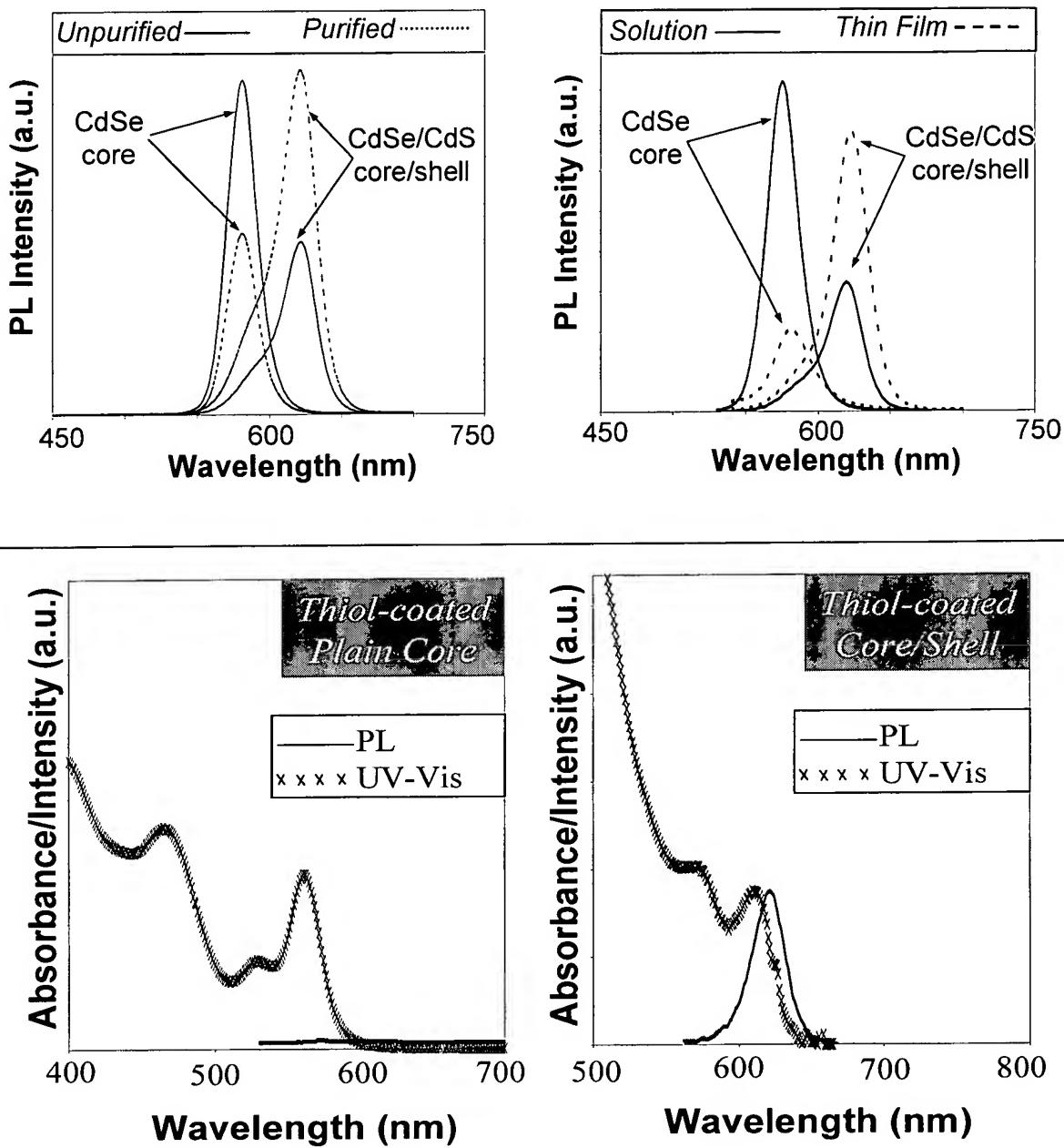


Figure 9

## UV-Vis InAs/CdSe CoreShell

Growth of the CoreShell shifted the UV-Vis peak of the original InAs nanocrystals significantly.

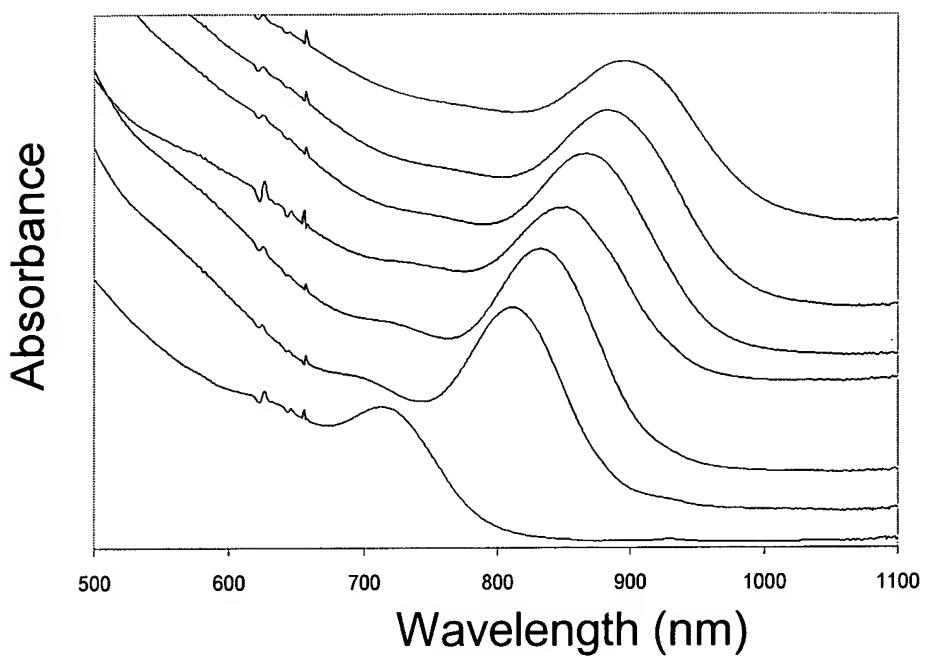


Figure 10

### CoreShell Growth Enhanced Photoluminescence of InAs nanocrystals

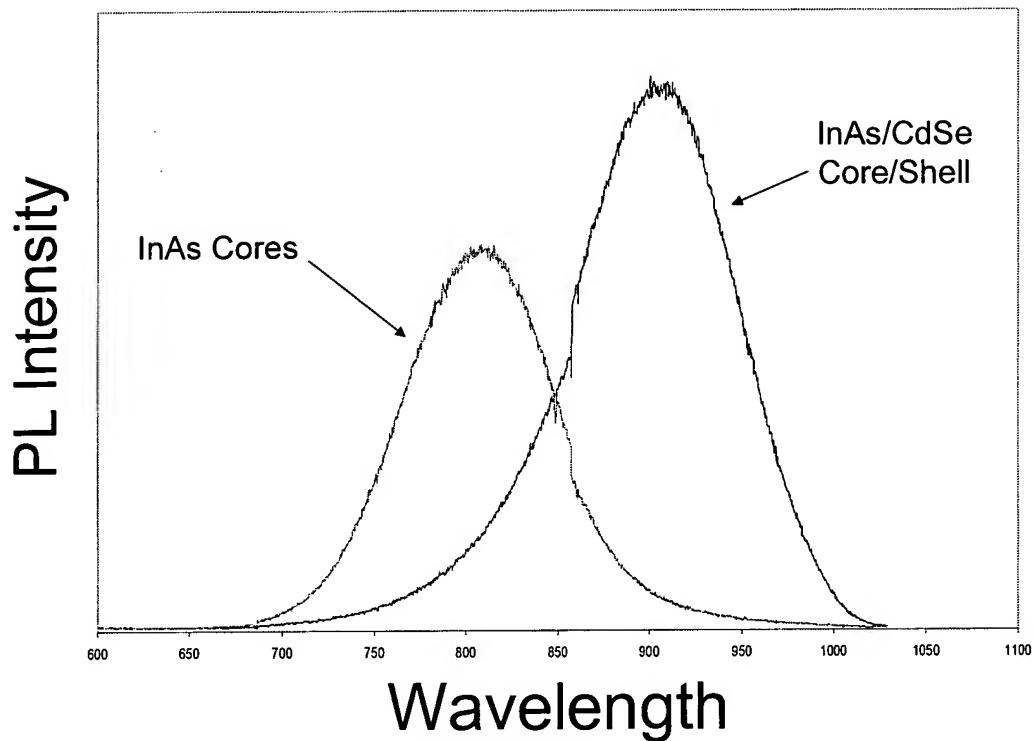
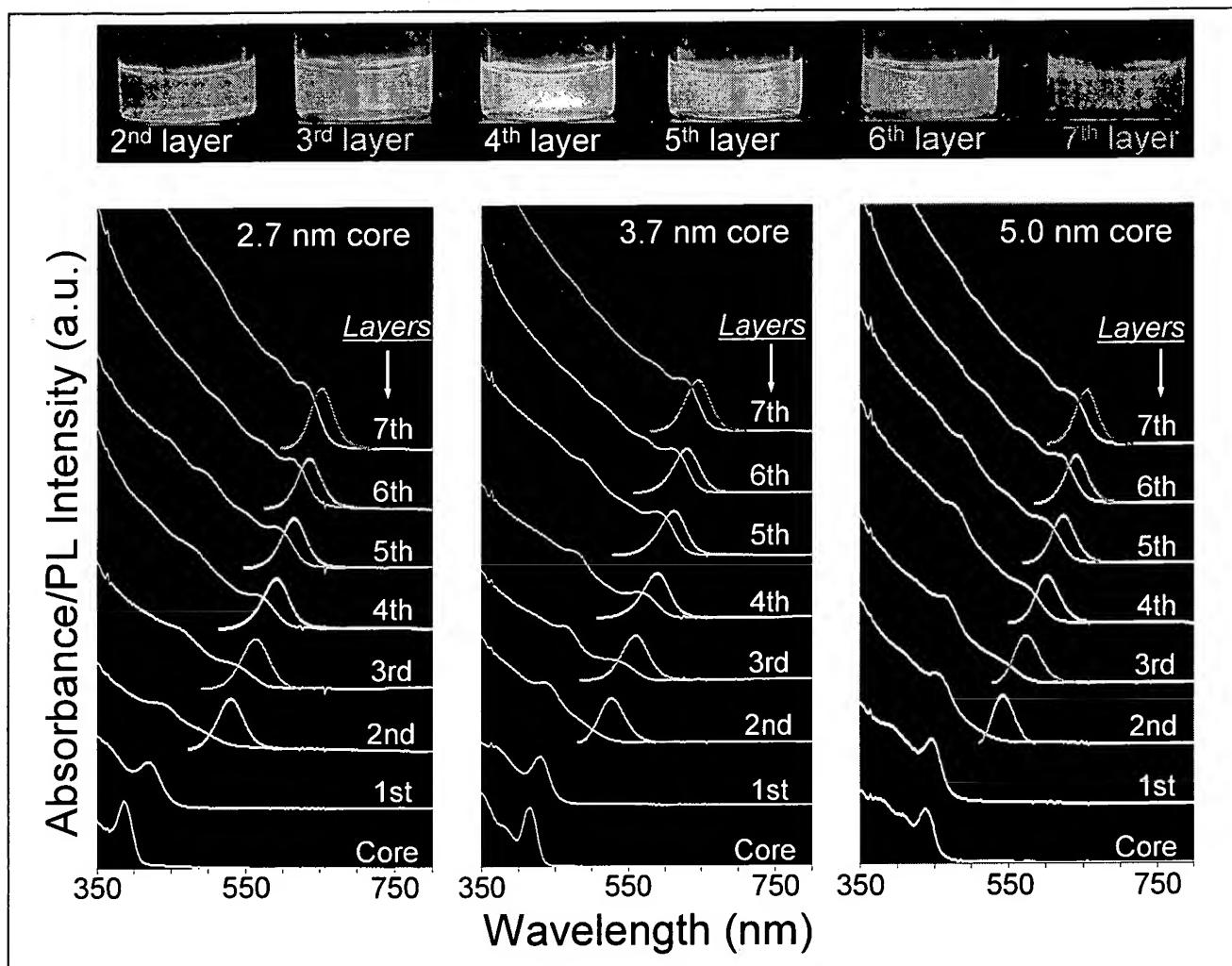


Figure 11

Figure 12



## PL Spectra of CdS/CdSe Quantum Shells

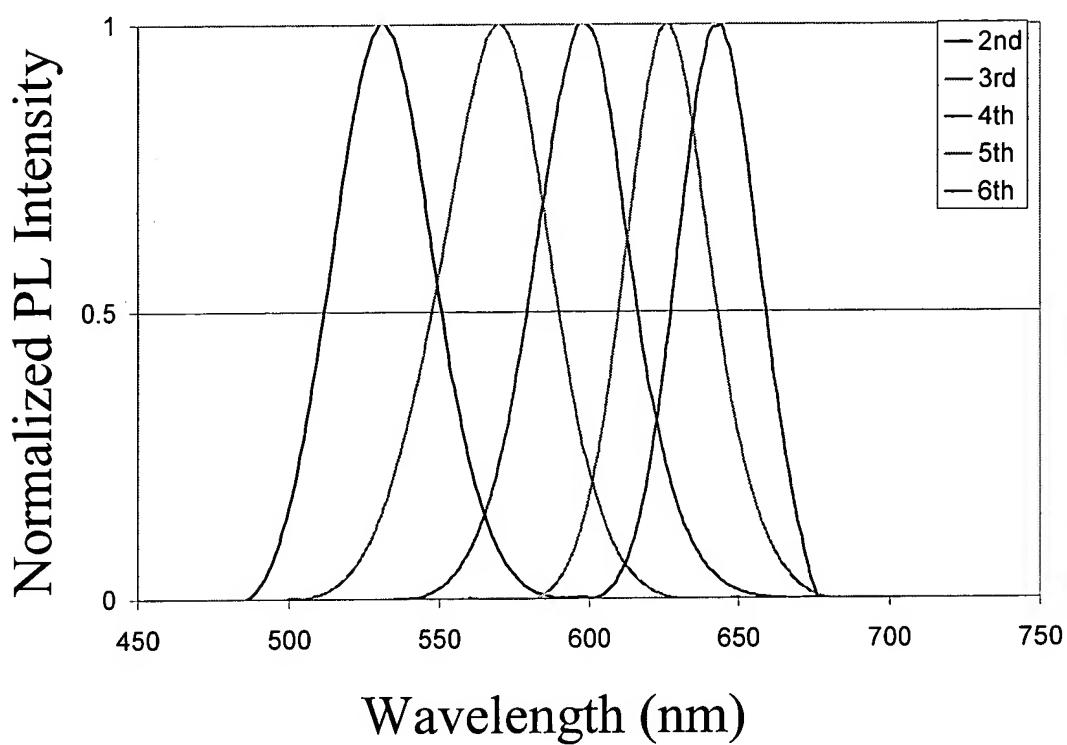


Figure 13

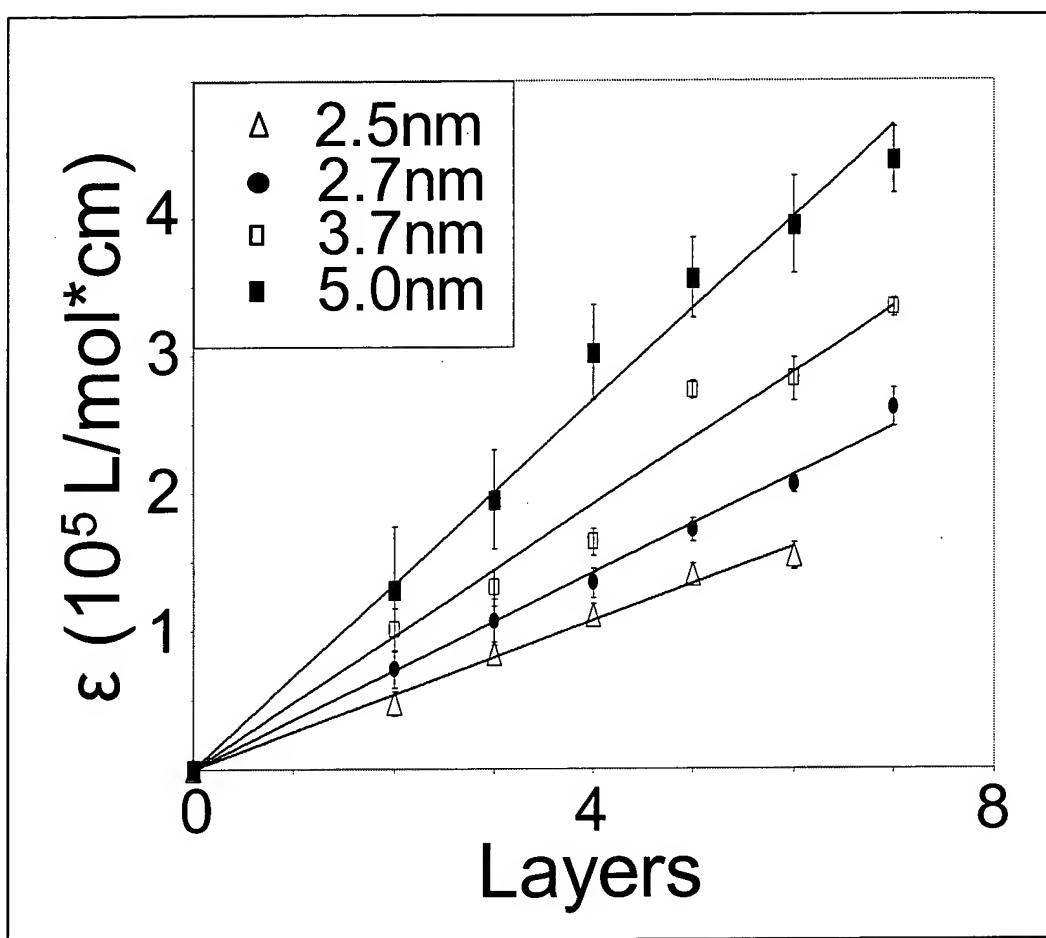


Figure 14

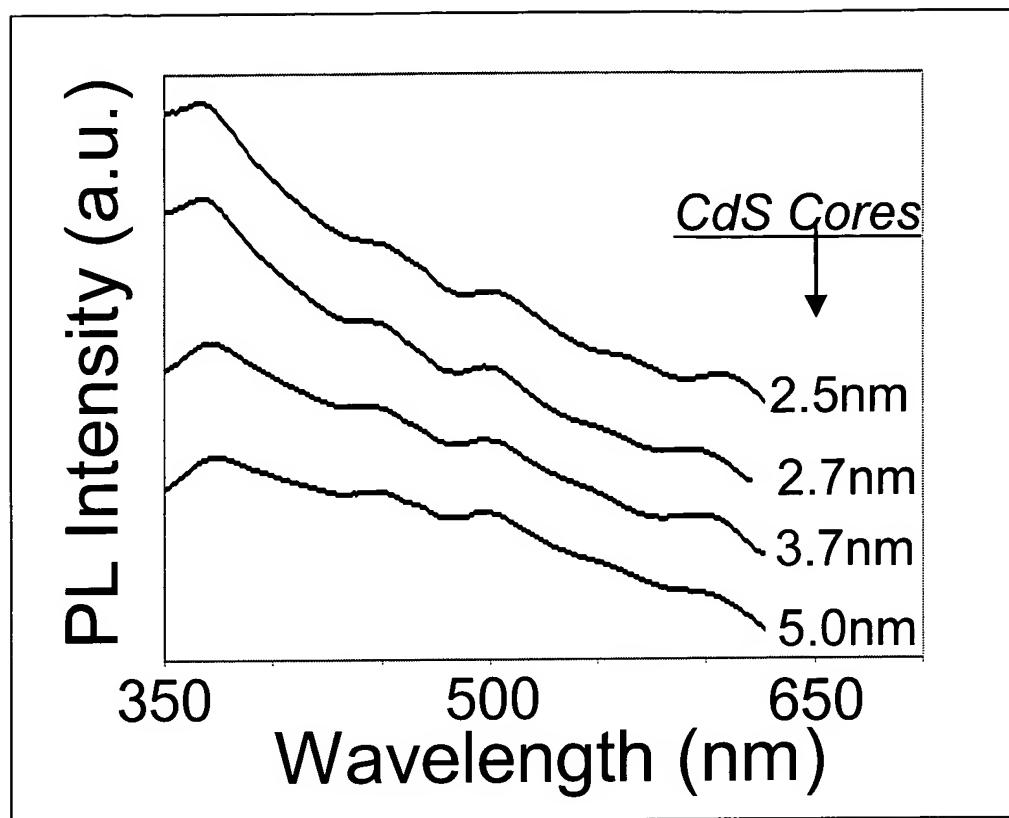


Figure 15

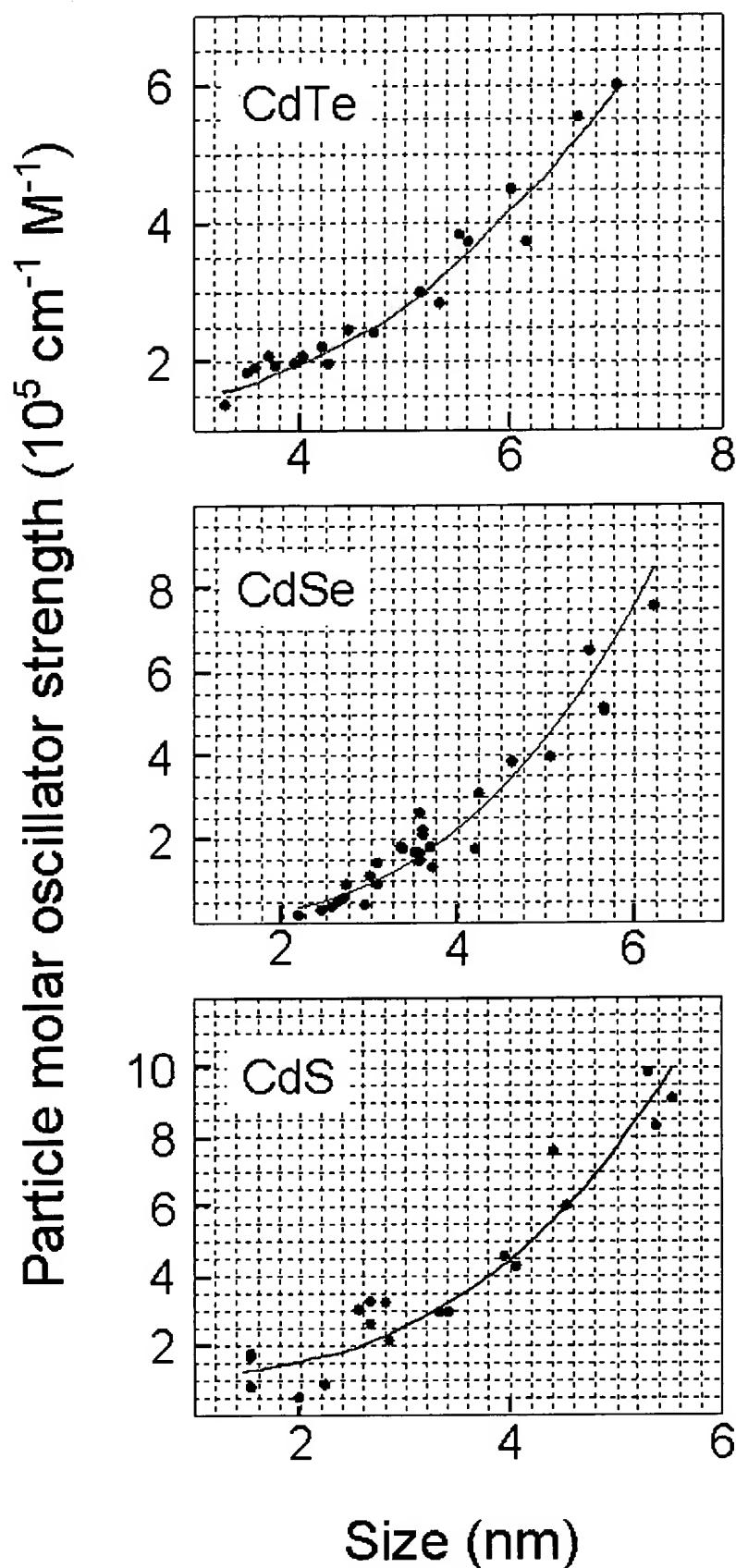


FIG. 16

FIGURE 17

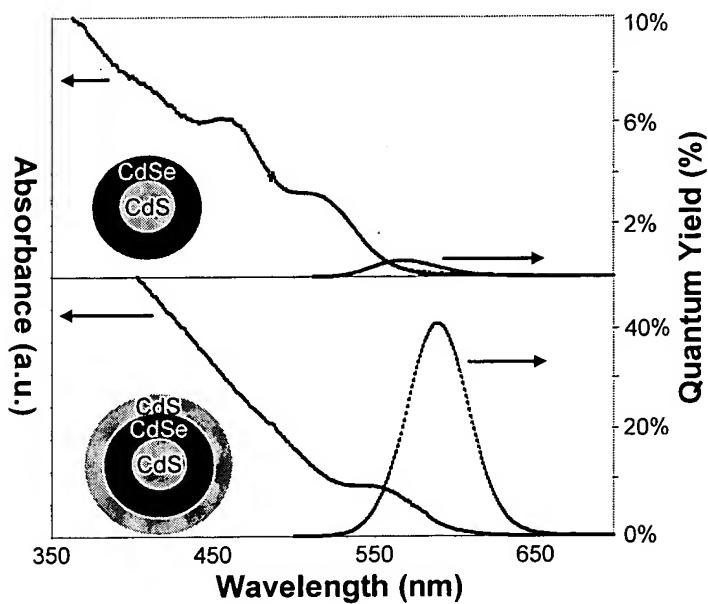


FIGURE 18

